

THAT WHICH IS CLAIMED

1. A yarn processing machine for processing a plurality of synthetic yarns to form a composite yarn,
5 comprising
a machine frame,
a plurality of processing units mounted on said frame, said processing units including a yarn takeup unit for winding a yarn into a package, and at least two yarn
10 feed units for withdrawing respectively one yarn from a feed package and feeding the withdrawn yarn from a feed position defined by the yarn feed unit along a path of travel to said yarn takeup unit, wherein at least one of the yarn feed units is mounted for selective movement on
15 the frame in such a manner that different yarn feed positions are selectable by adjusting the position of the moveable yarn feed unit on the machine frame.

2. The yarn processing machine of Claim 1 wherein
20 the moveable yarn feed unit is mounted to a support which in turn is mounted for movement along at least one guide rail which is fixed to the frame.

3. The yarn processing machine of Claim 1 wherein
25 the moveable yarn feed unit is mounted to a support which in turn is mounted for movement along at least one guide rail, wherein the at least one guide rail is mounted to a carriage which is supported by a carriage guideway which is mounted to the machine frame and so that the
30 carriage is moveable in the direction of the guideway.

4. The yarn processing machine of Claim 3 wherein the direction of movement of the support along the at least one guide rail is substantially horizontal and the

direction of movement of the carriage along the guideway is substantially vertical.

5 5. The yarn processing machine of Claim 1 wherein the moveable yarn feed unit is mounted to a support which is mounted for pivotal movement on the machine frame.

10 6. The yarn processing machine of Claim 1 wherein the moveable yarn feed unit is mounted to a support which is removeably mounted in one of several receptacles on the machine frame.

15 7. The yarn processing machine of Claim 1 wherein the moveable yarn feed unit is rotatably driven by a controllable individual drive.

20 8. The yarn processing machine of Claim 1 wherein the machine frame includes a creel module which supports the yarn feed units, and a processing module which faces the creel module so as to define a service aisle therebetween, with the processing module mounting at least a portion of the processing units so that the yarn feed units on the creel module and the processing units on the processing module can be accessed from the service aisle.

30 9. The yarn processing machine of Claim 8 wherein the processing units include a heater and a cooling device which are arranged above the service aisle in the configuration of an inverted V so that at least one of the yarns can advance through the heater and the cooling device.

10. The yarn processing machine of Claim 1 wherein each of the yarn feed units comprises a godet and an associated guide roll whereby the advancing yarn can loop several times about the godet and guide roll, and wherein
5 the godet is driven independently of other yarn processing units.

11. The yarn processing machine of Claim 1 wherein the processing units further include a yarn entanglement
10 device positioned along the path of travel for joining the yarns being fed from each of the at least two yarn feed units.

12. A yarn false twist texturing apparatus
15 comprising
a machine frame,
a plurality of yarn processing units including a yarn heater, a cooling device, a false twist texturing device, and a yarn takeup device mounted to the frame so
20 that a yarn may be serially advanced along a first path of travel through the units in the given order,
said yarn processing units further including at least two yarn feed units for withdrawing respectively one yarn from a feed package and feeding the withdrawn
25 yarn from a feed position defined by the yarn feed unit along said first path of travel to said yarn takeup unit, wherein at least one of the yarn feed units is mounted for selective movement on the frame in such a manner that different yarn feed positions are selectable by adjusting
30 the position of the moveable yarn feed unit on the machine frame and whereby the associated yarn may be advanced along an alternative path of travel which bypasses at least some of the yarn processing units.

13. The yarn false twist texturing apparatus of Claim 12 further comprising yarn guide means for guiding a yarn along said alternative path of travel and such that a yarn advancing along said first path of travel and
5 a yarn advancing along said alternative path of travel may be joined at a location downstream of said false twisting unit to form a composite yarn.

14. The yarn false twist texturing apparatus of
10 Claim 13 further comprising a yarn entanglement device positioned downstream of the location at which the yarns are joined.